

10667182

=> d his

(FILE 'HOME' ENTERED AT 15:43:38 ON 25 JUN 2004)

FILE 'REGISTRY' ENTERED AT 15:43:52 ON 25 JUN 2004

L1 STRUCTURE UPLOADED  
L2 3 S L1  
L3 56 S L1 SSS FULL

FILE 'CAPLUS' ENTERED AT 15:44:38 ON 25 JUN 2004

L4 3 S L3

FILE 'BEILSTEIN' ENTERED AT 15:45:48 ON 25 JUN 2004

L5 0 S L1  
L6 0 S L1 SSS FULL

FILE 'MARPAT' ENTERED AT 15:46:12 ON 25 JUN 2004

L7 0 S L3  
L8 3 S L3 SSS FULL

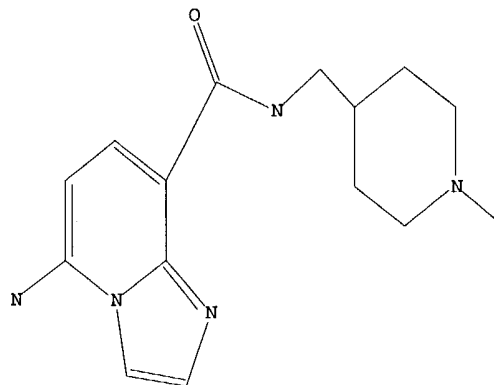
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L9 3 S L8  
L10 0 S L9 NOT L4

=> d l1

L1 HAS NO ANSWERS

L1 STR

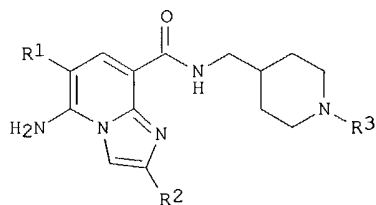


10667182

=> d 1-3 bib abs hitstr

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2004:267332 CAPLUS  
DN 140:303670  
TI Preparation of imidazopyridines as 5-HT4 receptor agonists  
IN Iguchi, Satoru; Katsu, Yasuhiro; Kon-I, Kana; Noguchi, Hirohide; Uchida, Chikara  
PA Pfizer Pharmaceuticals Inc., Japan; Pfizer Inc.  
SO PCT Int. Appl., 56 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004026869	A1	20040401	WO 2003-IB3971	20030908
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2004122043	A1	20040624	US 2003-667188	20030917
PRAI	US 2002-412485P	P	20020920		
OS	MARPAT 140:303670				
GI					



I

AB The title compds. [I; R1 = H, halo; R2 = Me, Et; R3 = branched alkyl or alkyl substituted by alkoxy; with the proviso that when the terminal carbon atom of said alkyl group is substituted by said alkoxy group, said alkyl group is a branched alkyl group] which have 5-HT4 receptor binding activity, and thus are useful for the treatment of gastroesophageal reflux disease, non-ulcer dyspepsia, functional dyspepsia, irritable bowel syndrome or the like in mammalian, especially humans, were prepared E.g., a 6-step synthesis of I [R1 = Cl; R2 = Me; R3 = iso-Bu] which showed Ki of 0.82 nM against 5-HT4 binding, was given. This invention also provides a pharmaceutical composition comprising the compound I.

IT **519148-48-2P**

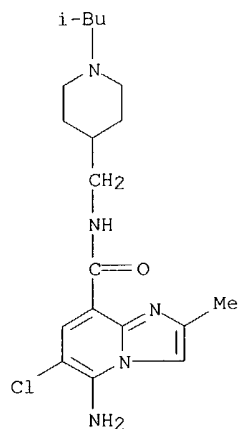
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation of imidazopyridinecarboxamides as 5-HT4 receptor agonists)

RN 519148-48-2 CAPLUS

CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-2-methyl-N-[[1-(2-methylpropyl)-4-piperidinyl]methyl]- (9CI) (CA INDEX NAME)

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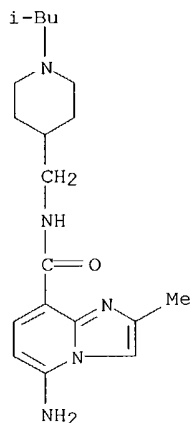
IT 519148-50-6P 519148-51-7P 519148-52-8P  
519148-53-9P 676322-47-7P 676322-48-8P  
676322-49-9P 676322-50-2P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
(Uses)

(preparation of imidazopyridinecarboxamides as 5-HT<sub>4</sub> receptor agonists)

RN 519148-50-6 CAPLUS

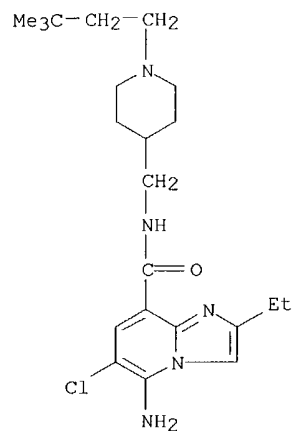
CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-2-methyl-N-[[1-(2-methylpropyl)-4-piperidinyl]methyl]- (9CI) (CA INDEX NAME)



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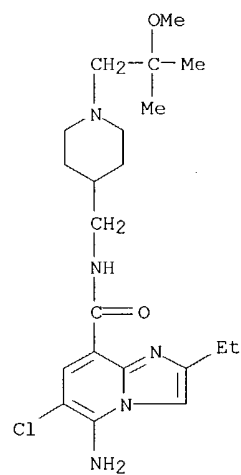
CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-N-[[1-(3,3-dimethylbutyl)-4-piperidinyl]methyl]-2-ethyl- (9CI) (CA INDEX NAME)

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RN 519148-52-8 CAPLUS

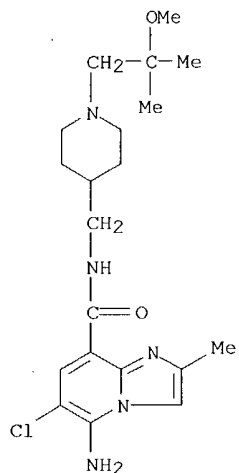
CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-2-ethyl-N-[[1-(2-methoxy-2-methylpropyl)-4-piperidinyl]methyl]- (9CI) (CA INDEX NAME)



RN 519148-53-9 CAPLUS

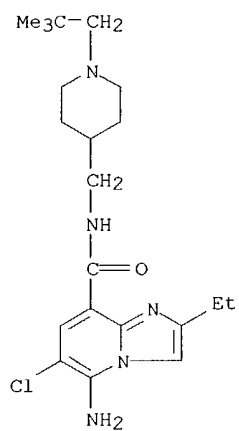
CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-N-[[1-(2-methoxy-2-methylpropyl)-4-piperidinyl]methyl]-2-methyl- (9CI) (CA INDEX NAME)

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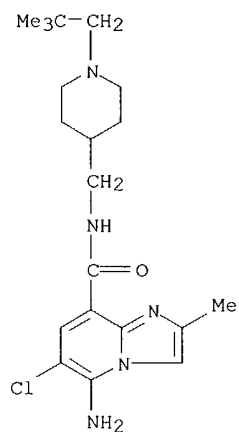
RN 676322-47-7 CAPLUS

CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-N-[[1-(2,2-dimethylpropyl)-4-piperidinyl]methyl]-2-ethyl- (9CI) (CA INDEX NAME)



RN 676322-48-8 CAPLUS

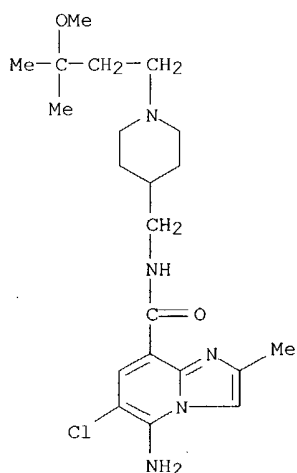
CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-N-[[1-(2,2-dimethylpropyl)-4-piperidinyl]methyl]-2-methyl- (9CI) (CA INDEX NAME)



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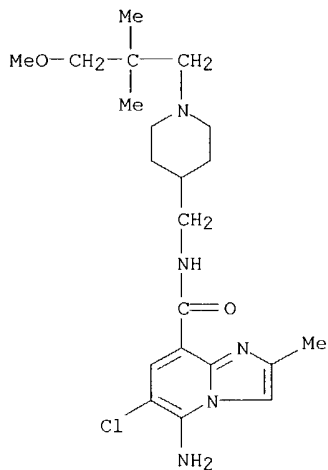
RN 676322-49-9 CAPLUS

CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-N-[[1-(3-methoxy-3-methylbutyl)-4-piperidinyl]methyl]-2-methyl- (9CI) (CA INDEX NAME)



RN 676322-50-2 CAPLUS

CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-N-[[1-(3-methoxy-2,2-dimethylpropyl)-4-piperidinyl]methyl]-2-methyl- (9CI) (CA INDEX NAME)



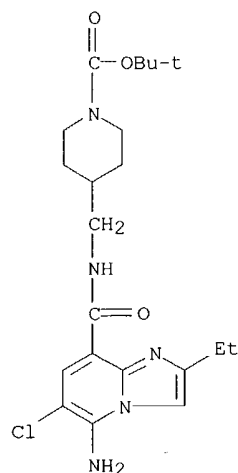
IT 519147-99-0P 676322-53-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation of imidazopyridinecarboxamides as 5-HT4 receptor agonists)

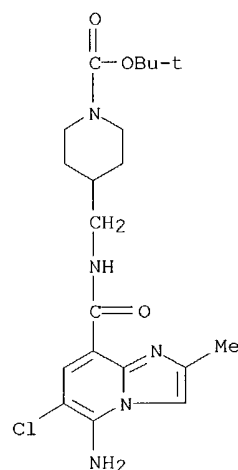
RN 519147-99-0 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[[[(5-amino-6-chloro-2-ethylimidazo[1,2-a]pyridin-8-yl)carbonyl]amino]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

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RN 676322-53-5 CAPLUS  
CN 1-Piperidinecarboxylic acid, 4-[[[(5-amino-6-chloro-2-methylimidazo[1,2-a]pyridin-8-yl)carbonyl]amino]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2004:267331 CAPLUS  
DN 140:303669  
TI Preparation of N-(piperidin-4-ylmethyl) imidazopyridinecarboxamides as  
5-HT4 receptor modulators  
IN Katsu, Yasuhiro; Kon-I, Kana; Morita, Mikio; Noguchi, Hirohide; Uchida,  
Chikara  
PA Pfizer Pharmaceuticals Inc., Japan; Pfizer Inc.  
SO PCT Int. Appl., 74 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004026868	A1	20040401	WO 2003-IB3945	20030908
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,			

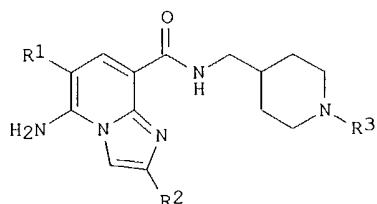
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LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,  
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TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ,  
MD, RU, TJ, TM  
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,  
CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC,  
NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG

PRAI US 2002-412426P P 20020920

OS MARPAT 140:303669

GI



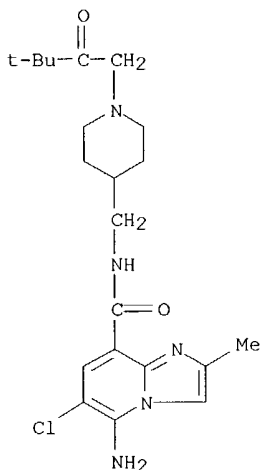
AB The title compds. [I; R1 = H, halo; R2 = H, alkyl, aminocarbonyl, mono- or dialkylaminocarbonyl; R3 = alkyl which is substituted by at least one substituent selected from the group consisting of substituents  $\alpha$  ; said substituents  $\alpha$  = aryl, OH, oxo, heterocyclyl, etc.] which have 5-HT4 receptor binding activity, and thus are useful for the treatment of gastroesophageal reflux disease, non-ulcer dyspepsia, functional dyspepsia, irritable bowel syndrome or the like in mammalian, especially humans, were prepared. E.g., a multi-step synthesis of I [R1 = Cl; R2 = H; R3 = 3,3-dimethyl-2-oxobutyl], starting from Et 6-[(2,2,-dimethylpropanoyl)amino]-2-fluoronicotinate, was given. All compds. I prepared in the working examples showed Ki of 0.19 nM to 47 nM with respect to the affinity to the 5-HT4 receptor. This invention also provides a pharmaceutical composition comprising the compound I.

IT **676351-57-8P**

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(preparation of N-(piperidin-4-ylmethyl) imidazopyridinecarboxamides as 5-HT4 receptor modulators)

RN 676351-57-8 CAPLUS

CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-N-[[1-(3,3-dimethyl-2-oxobutyl)-4-piperidinyl]methyl]-2-methyl- (9CI) (CA INDEX NAME)



IT **676351-56-7P 676351-58-9P 676351-59-0P  
676351-60-3P 676351-61-4P 676351-62-5P**

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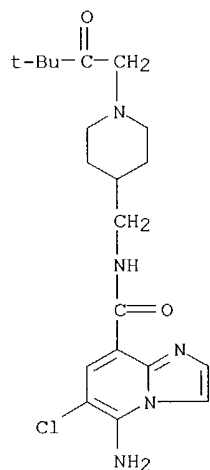
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676351-72-7P 676351-73-8P 676351-74-9P  
676351-75-0P 676351-76-1P 676351-77-2P  
676351-78-3P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
(Uses)

(preparation of N-(piperidin-4-ylmethyl) imidazopyridinecarboxamides as  
5-HT4 receptor modulators)

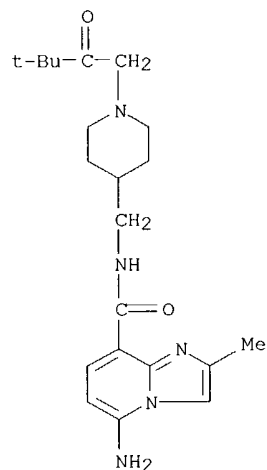
RN 676351-56-7 CAPLUS

CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-N-[[1-(3,3-dimethyl-  
2-oxobutyl)-4-piperidinyl]methyl]- (9CI) (CA INDEX NAME)



RN 676351-58-9 CAPLUS

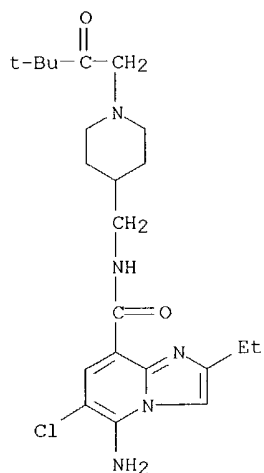
CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-N-[[1-(3,3-dimethyl-2-  
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RN 676351-59-0 CAPLUS

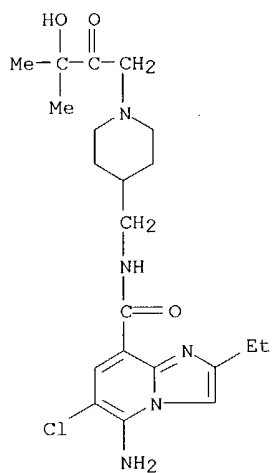
CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-N-[[1-(3,3-dimethyl-  
2-oxobutyl)-4-piperidinyl]methyl]-2-ethyl- (9CI) (CA INDEX NAME)

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RN 676351-60-3 CAPLUS

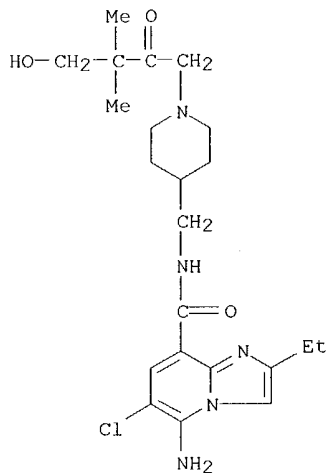
CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-2-ethyl-N-[[1-(3-hydroxy-3-methyl-2-oxobutyl)-4-piperidinyl]methyl]- (9CI) (CA INDEX NAME)



RN 676351-61-4 CAPLUS

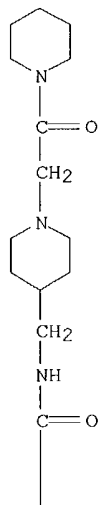
CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-2-ethyl-N-[[1-(4-hydroxy-3,3-dimethyl-2-oxobutyl)-4-piperidinyl]methyl]- (9CI) (CA INDEX NAME)

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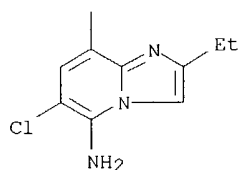


RN 676351-62-5 CAPLUS  
CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-2-ethyl-N-[[1-[2-oxo-2-(1-piperidinyl)ethyl]-4-piperidinyl)methyl]- (9CI) (CA INDEX NAME)

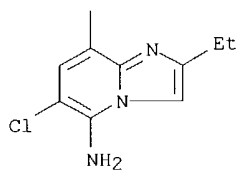
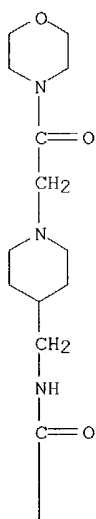
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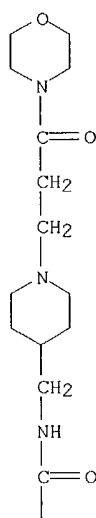
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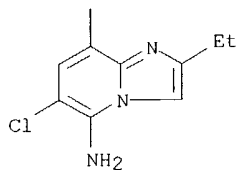


RN 676351-63-6 CAPLUS  
CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-2-ethyl-N-[[1-[2-(4-morpholinyl)-2-oxoethyl]-4-piperidinyl)methyl]- (9CI) (CA INDEX NAME)



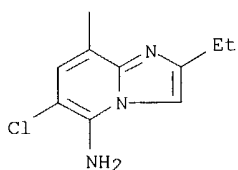
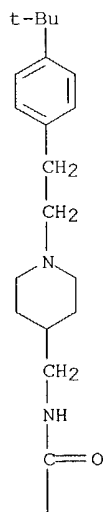
RN 676351-64-7 CAPLUS  
 CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-2-ethyl-N-[[1-[3-(4-morpholinyl)-3-oxopropyl]-4-piperidinyl]methyl]- (9CI) (CA INDEX NAME)





RN 676351-65-8 CAPLUS

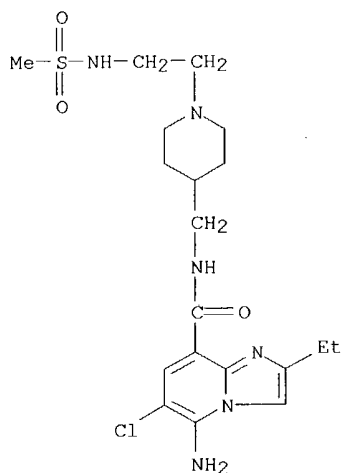
CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-N-[[1-[2-[4-(1,1-dimethylethyl)phenyl]ethyl]-4-piperidinyl]methyl]-2-ethyl- (9CI) (CA INDEX NAME)



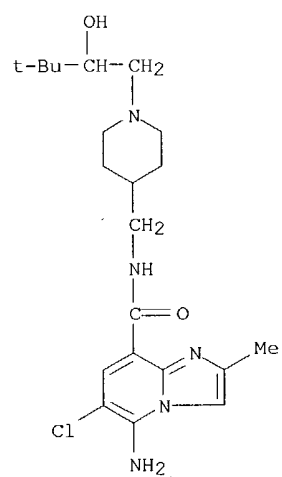
RN 676351-66-9 CAPLUS

CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-2-ethyl-N-[[1-[2-[(methylsulfonyl)amino]ethyl]-4-piperidinyl]methyl]- (9CI) (CA INDEX NAME)

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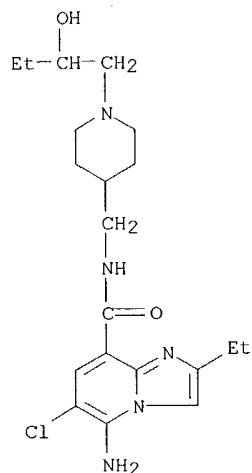


RN 676351-67-0 CAPLUS  
 CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-N-[[1-(2-hydroxy-3,3-dimethylbutyl)-4-piperidiny]methyl]-2-methyl- (9CI) (CA INDEX NAME)



RN 676351-68-1 CAPLUS  
 CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-2-ethyl-N-[[1-(2-hydroxybutyl)-4-piperidiny]methyl]- (9CI) (CA INDEX NAME)

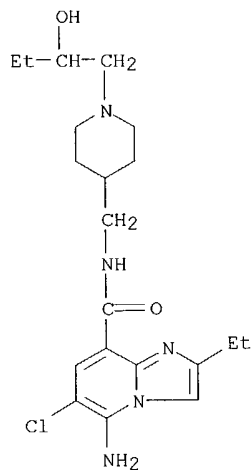
10667182



RN 676351-69-2 CAPLUS  
CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-2-ethyl-N-[[1-(2-hydroxybutyl)-4-piperidinyl]methyl]-, ethanedioate (2:1) (salt) (9CI) (CA INDEX NAME)

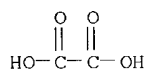
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CRN 676351-68-1  
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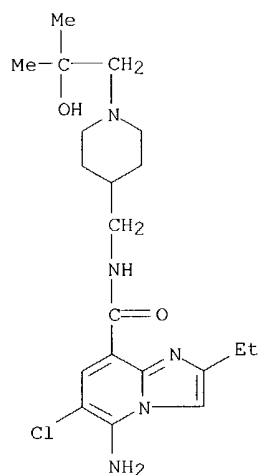
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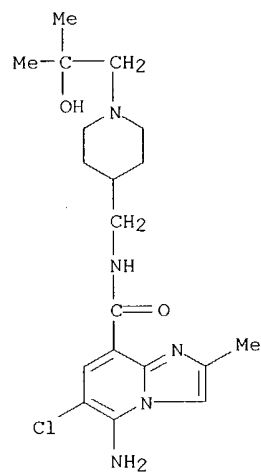
RN 676351-70-5 CAPLUS  
CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-2-ethyl-N-[[1-(2-hydroxy-2-methylpropyl)-4-piperidinyl]methyl]- (9CI) (CA INDEX NAME)

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RN 676351-71-6 CAPLUS

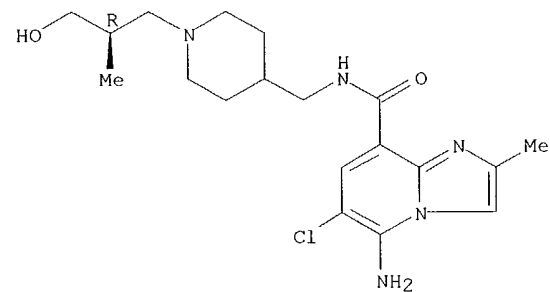
CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-N-[[1-(2-hydroxy-2-methylpropyl)-4-piperidinyl]methyl]-2-methyl- (9CI) (CA INDEX NAME)



RN 676351-72-7 CAPLUS

CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-N-[[1-[(2R)-3-hydroxy-2-methylpropyl]-4-piperidinyl]methyl]-2-methyl- (9CI) (CA INDEX NAME)

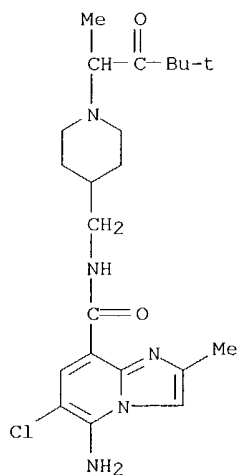
Absolute stereochemistry.



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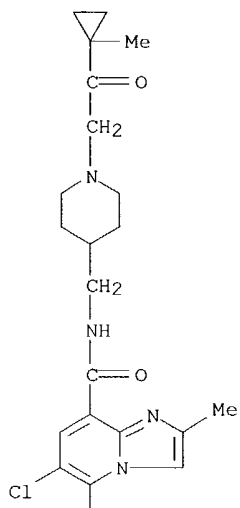
RN 676351-73-8 CAPLUS

CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-2-methyl-N-[[1-(1,3,3-trimethyl-2-oxobutyl)-4-piperidinyl]methyl]- (9CI) (CA INDEX NAME)



RN 676351-74-9 CAPLUS

CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-2-methyl-N-[[1-[2-(1-methylcyclopropyl)-2-oxoethyl]-4-piperidinyl]methyl]- (9CI) (CA INDEX NAME)



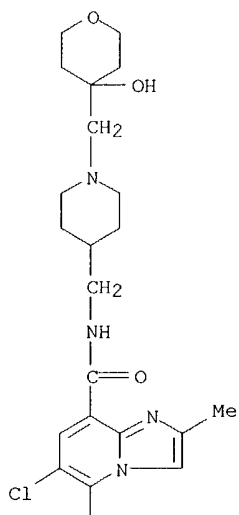
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PAGE 2-A



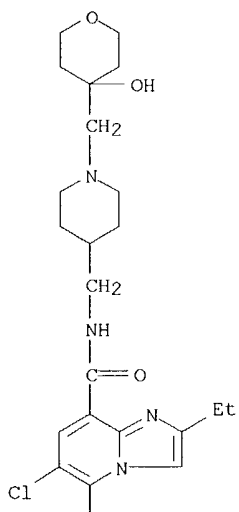
RN 676351-75-0 CAPLUS

CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-2-methyl-N-[[1-[(tetrahydro-4-hydroxy-2H-pyran-4-yl)methyl]-4-piperidinyl]methyl]- (9CI) (CA INDEX NAME)



RN 676351-76-1 CAPLUS

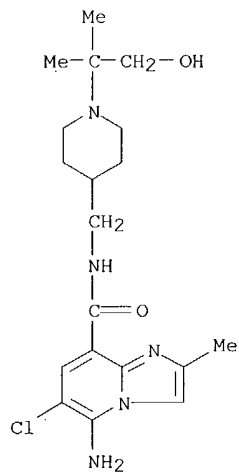
CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-2-ethyl-N-[[1-[(tetrahydro-4-hydroxy-2H-pyran-4-yl)methyl]-4-piperidiny]methyl]- (9CI)  
(CA INDEX NAME)





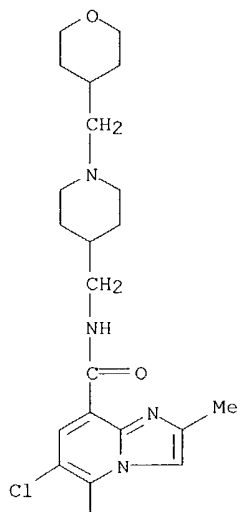
RN 676351-77-2 CAPLUS

CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-N-[[1-(2-hydroxy-1,1-dimethylethyl)-4-piperidinyl]methyl]-2-methyl- (9CI) (CA INDEX NAME)



RN 676351-78-3 CAPLUS

CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-2-methyl-N-[[1-[[tetrahydro-2H-pyran-4-yl)methyl]-4-piperidinyl]methyl]- (9CI) (CA INDEX NAME)



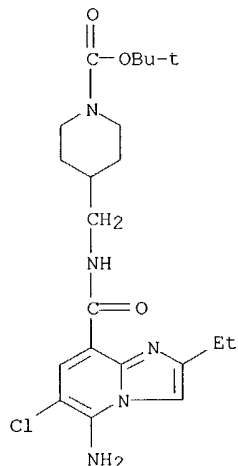
10667182

IT 519147-99-0P 676322-53-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation of N-(piperidin-4-ylmethyl) imidazopyridinecarboxamides as  
5-HT4 receptor modulators)

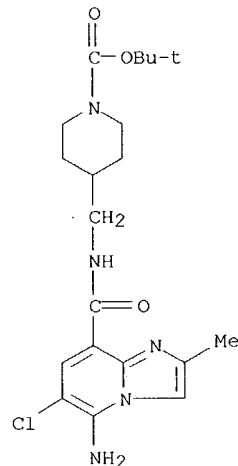
RN 519147-99-0 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[[[(5-amino-6-chloro-2-ethylimidazo[1,2-  
a]pyridin-8-yl)carbonyl]amino]methyl]-, 1,1-dimethylethyl ester (9CI) (CA  
INDEX NAME)



RN 676322-53-5 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[[[(5-amino-6-chloro-2-methylimidazo[1,2-  
a]pyridin-8-yl)carbonyl]amino]methyl]-, 1,1-dimethylethyl ester (9CI) (CA  
INDEX NAME)



RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2003:335105 CAPLUS

DN 138:353992

TI Preparation of imidazopyridines as 5-HT4 receptor modulators

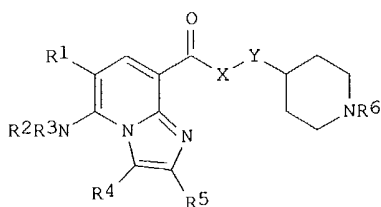
IN Fenwick, David Roy; Gymer, Geoffrey Edward; Noguchi, Hirohide; Stobie,  
Alan; Uchida, Chikara

PA Pfizer Pharmaceuticals Inc., Japan; Pfizer Inc.

10667182

SO PCT Int. Appl., 82 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003035649	A1	20030501	WO 2002-IB4098	20021003
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2003092699	A1	20030515	US 2002-251109	20020920
	US 6624162	B2	20030923		
	US 2004034226	A1	20040219	US 2003-617920	20030710
PRAI	US 2001-343371P	P	20011022		
	US 2002-412485P	P	20020920		
	US 2002-251109	A3	20020920		
OS	MARPAT 138:353992				
GI					



AB Title compds. [I; R1 = H, halo, alkyl; R2, R3 = H, alkyl, alkenyl, alkynyl, aminoalkyl, hydroxyalkyl; R2R3N = (substituted) heterocyclyl; R4 = H, halo, acyl, amino, amido, aryl, arylalkyl, heteroaryl; R5 = H, halo, alkyl, alkenyl, alkynyl, acyl, amino, amido, aryl, arylalkyl, heteroaryl; R6 = H, alkyl, alkoxyalkyl; X = NR9 wherein R9 = H or alkyl; and Y = (CR7R8)n; n = 0-5], were prepared for the treatment of gastroesophageal reflux disease, non-ulcer dyspepsia, functional dyspepsia, irritable bowel syndrome, etc. (no data). Thus, Et 5-amino-6-chloroimidazo[1,2-a]pyridine-8-carboxylate (preparation given) was stirred 20 min. with carbonyldiimidazole; 1-(1-butyl-4-piperidinyl)methanamine and Et3N were added followed by stirring overnight to give 40% 5-amino-N-[(1-butyl-4-piperidinyl)methyl]-6-chloroimidazo[1,2-a]pyridine-8-carboxamide.

IT 519147-74-1P 519147-75-2P 519147-78-5P  
519147-80-9P

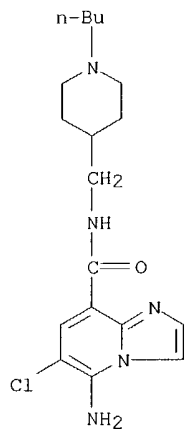
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(claimed compound; preparation of imidazopyridines as 5-HT4 receptor modulators)

RN 519147-74-1 CAPLUS

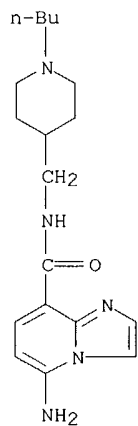
CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-N-[(1-butyl-4-piperidinyl)methyl]-6-chloro- (9CI) (CA INDEX NAME)

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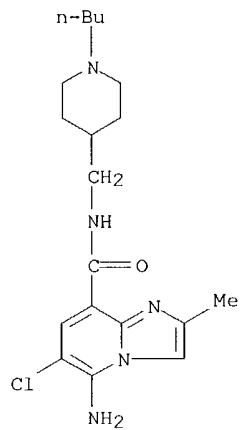
RN 519147-75-2 CAPLUS

CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-N-[(1-butyl-4-piperidiny)methyl]- (9CI) (CA INDEX NAME)



RN 519147-78-5 CAPLUS

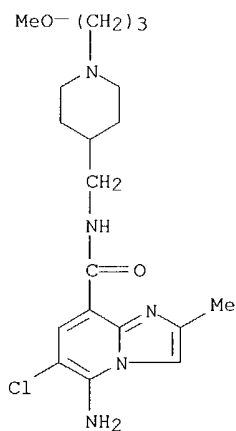
CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-N-[(1-butyl-4-piperidiny)methyl]-6-chloro-2-methyl- (9CI) (CA INDEX NAME)



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RN 519147-80-9 CAPLUS

CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-N-[[1-(3-methoxypropyl)-4-piperidiny]methyl]-2-methyl- (9CI) (CA INDEX NAME)



IT 519148-29-9P 519148-30-2P 519148-31-3P

519148-32-4P 519148-33-5P 519148-34-6P

519148-36-8P 519148-37-9P 519148-40-4P

519148-41-5P 519148-42-6P 519148-43-7P

519148-45-9P 519148-46-0P 519148-48-2P

519148-50-6P 519148-51-7P 519148-52-8P

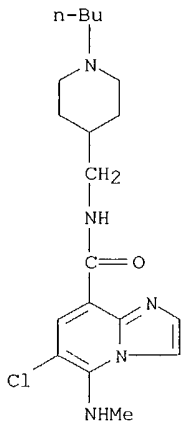
519148-53-9P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of imidazopyridines as 5-HT<sub>4</sub> receptor modulators)

RN 519148-29-9 CAPLUS

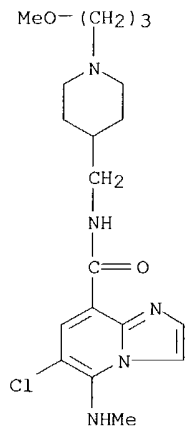
CN Imidazo[1,2-a]pyridine-8-carboxamide, N-[[1-(n-butyl-4-piperidiny]methyl]-6-chloro-5-(methylamino)- (9CI) (CA INDEX NAME)



RN 519148-30-2 CAPLUS

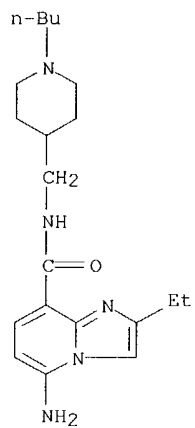
CN Imidazo[1,2-a]pyridine-8-carboxamide, 6-chloro-N-[[1-(3-methoxypropyl)-4-piperidiny]methyl]-5-(methylamino)- (9CI) (CA INDEX NAME)

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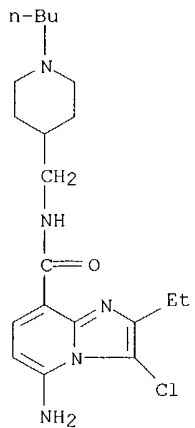
RN 519148-31-3 CAPLUS

CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-N-[(1-butyl-4-piperidinyl)methyl]-2-ethyl- (9CI) (CA INDEX NAME)



RN 519148-32-4 CAPLUS

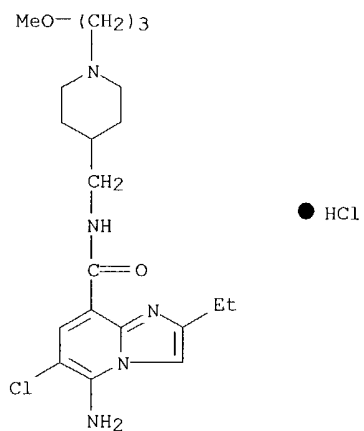
CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-N-[(1-butyl-4-piperidinyl)methyl]-3-chloro-2-ethyl- (9CI) (CA INDEX NAME)



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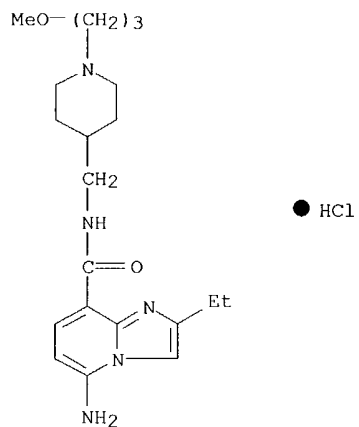
RN 519148-33-5 CAPLUS

CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-2-ethyl-N-[[1-(3-methoxypropyl)-4-piperidinyl]methyl]-, monohydrochloride (9CI) (CA INDEX NAME)



RN 519148-34-6 CAPLUS

CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-2-ethyl-N-[[1-(3-methoxypropyl)-4-piperidinyl]methyl]-, monohydrochloride (9CI) (CA INDEX NAME)



RN 519148-36-8 CAPLUS

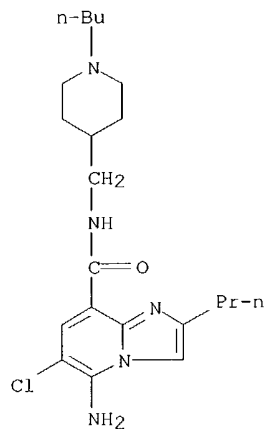
CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-N-[(1-butyl-4-piperidinyl)methyl]-6-chloro-2-propyl-, mono(4-methylbenzenesulfonate) (9CI) (CA INDEX NAME)

CM 1

CRN 519148-02-8

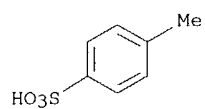
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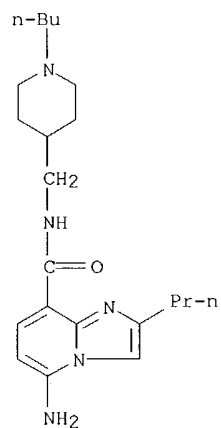


CM 2

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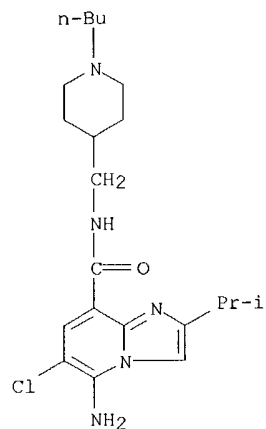


RN 519148-37-9 CAPLUS  
CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-N-[(1-butyl-4-piperidinyl)methyl]-2-propyl- (9CI) (CA INDEX NAME)

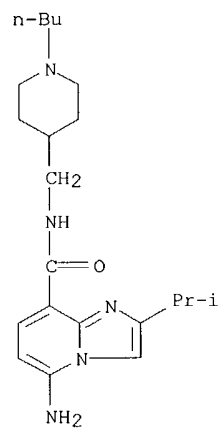


RN 519148-40-4 CAPLUS  
CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-N-[(1-butyl-4-piperidinyl)methyl]-6-chloro-2-(1-methylethyl)- (9CI) (CA INDEX NAME)

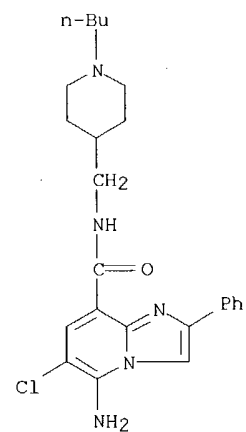
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RN 519148-41-5 CAPLUS  
 CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-N-[(1-butyl-4-piperidinyl)methyl]-2-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 519148-42-6 CAPLUS  
 CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-N-[(1-butyl-4-piperidinyl)methyl]-6-chloro-2-phenyl-, monohydrochloride (9CI) (CA INDEX NAME)

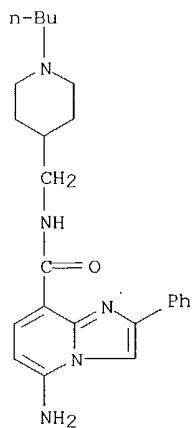


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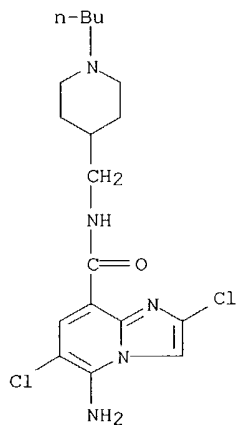
RN 519148-43-7 CAPLUS

CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-N-[(1-butyl-4-piperidiny)methyl]-2-phenyl- (9CI) (CA INDEX NAME)



RN 519148-45-9 CAPLUS

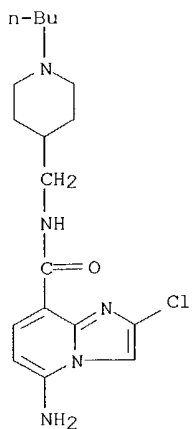
CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-N-[(1-butyl-4-piperidiny)methyl]-2,6-dichloro- (9CI) (CA INDEX NAME)



RN 519148-46-0 CAPLUS

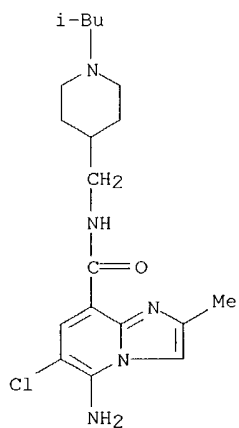
CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-N-[(1-butyl-4-piperidiny)methyl]-2-chloro- (9CI) (CA INDEX NAME)

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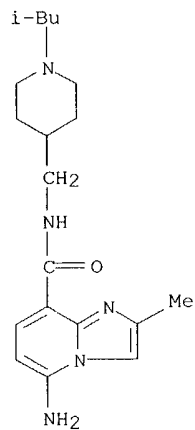
RN 519148-48-2 CAPLUS

CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-2-methyl-N-[[1-(2-methylpropyl)-4-piperidinyl]methyl]- (9CI) (CA INDEX NAME)



RN 519148-50-6 CAPLUS

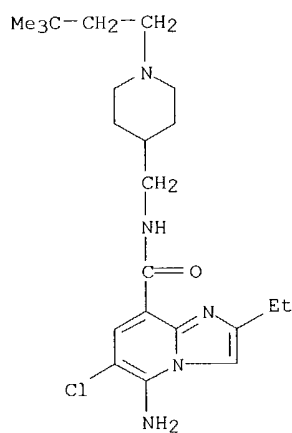
CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-2-methyl-N-[[1-(2-methylpropyl)-4-piperidinyl]methyl]- (9CI) (CA INDEX NAME)



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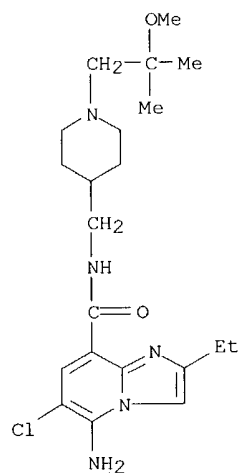
RN 519148-51-7 CAPLUS

CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-N-[[1-(3,3-dimethylbutyl)-4-piperidiny]methyl]-2-ethyl- (9CI) (CA INDEX NAME)



RN 519148-52-8 CAPLUS

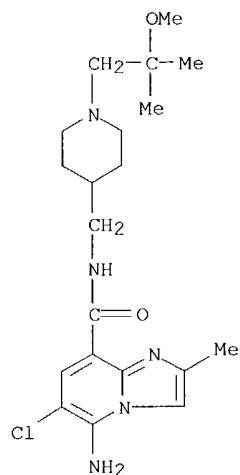
CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-2-ethyl-N-[[1-(2-methoxy-2-methylpropyl)-4-piperidiny]methyl]- (9CI) (CA INDEX NAME)



RN 519148-53-9 CAPLUS

CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-N-[[1-(2-methoxy-2-methylpropyl)-4-piperidiny]methyl]-2-methyl- (9CI) (CA INDEX NAME)

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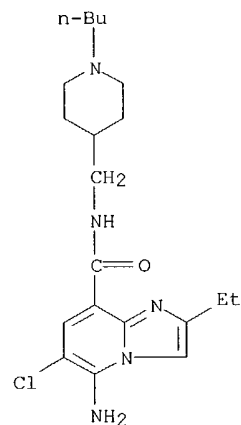


IT 519147-97-8P 519147-98-9P 519147-99-0P  
519148-02-8P 519148-09-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation of imidazopyridines as 5-HT4 receptor modulators)

RN 519147-97-8 CAPLUS

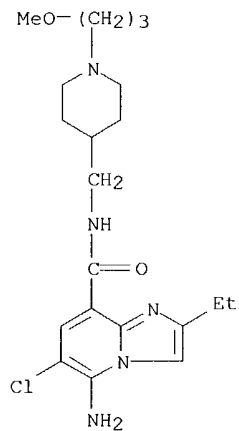
CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-N-[(1-butyl-4-piperidinyl)methyl]-6-chloro-2-ethyl- (9CI) (CA INDEX NAME)



RN 519147-98-9 CAPLUS

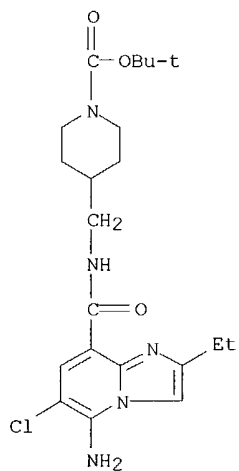
CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-6-chloro-2-ethyl-N-[(1-(3-methoxypropyl)-4-piperidinyl)methyl]- (9CI) (CA INDEX NAME)

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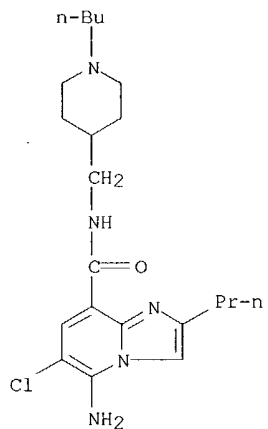
RN 519147-99-0 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[[[(5-amino-6-chloro-2-ethylimidazo[1,2-a]pyridin-8-yl)carbonyl]amino]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 519148-02-8 CAPLUS

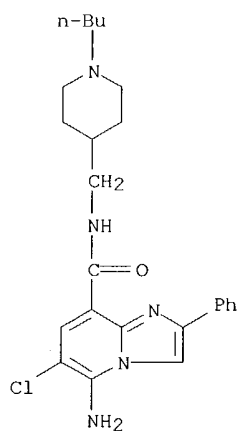
CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-N-[(1-butyl-4-piperidinyl)methyl]-6-chloro-2-propyl- (9CI) (CA INDEX NAME)



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RN 519148-09-5 CAPLUS

CN Imidazo[1,2-a]pyridine-8-carboxamide, 5-amino-N-[(1-butyl-4-piperidiny)methyl]-6-chloro-2-phenyl- (9CI) (CA INDEX NAME)



RE.CNT 3      THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT